

MINES MINING

COPPER INTERESTS MAY GET TOGETHER

GOLDFIELD CO. T. RUSH TUNNEL FOR GREAT IRON VEIN

OUTPUT \$5,000,000

Merger is Unlikely, but Producers May Agree to Limit Output.

It is admitted by the large copper producers that a combination of the leading copper interests of the country is remote. On the other hand, it is not denied that efforts are being made to create some sort of an organization, or "community of interests" arrangement, where the copper industry in the future may be moved along more regular lines, says the Wall Street Journal. Copper producers realize that in order to promote stability something of this sort will have to be done, and it is not without reason that Wall Street is inclined to the belief that favorable developments are pending.

The copper industry has been in a state of demoralization for two years. The steel industry has recovered all that it lost during the depression, and other branches of industry, with the exception of copper, are thriving. Pig iron and steel production is up nearly 50 per cent during the depressed period, while copper production was going on at a record-breaking pace. The result was that when there was a change for the better in the steel industry prices responded, and there were no surplus stocks to work off.

No Merger Looked For.

No merger of the large copper interests is looked for in the trade. A consolidation of the Amalgamated Copper company and Cole-Ryan properties is probable, but it is not believed it will be possible to merge the low and high cost producers at prices that would be regarded as equitable to all shareholders. The Guggenheims and Amalgamated interests have been mentioned as having formed some sort of working agreement, but no confirmation of these reports can be obtained. Conferences of the leading industry executives have had no official statement as to the outcome of these meetings has been made.

With the persistent efforts of Amalgamated and other copper stocks has been too pronounced to warrant the statement that the upward movement has been entirely to manipulation and short covering.

A representative of a large copper company has the following to say regarding the reports of a "community of interests" combination:

"I do not believe a combination can be effected. However, a merger may grow out of the efforts that are now being made to harmonize the copper interests of the country. Every one knows that a grave error was committed in allowing copper to accumulate during the depressed period, and with a view to a good plan for regulating the industry."

It is simply a common sense move. Every industry is prospering with the exception of copper. Review the course of the copper industry for the past two years, and one is bound to come to the conclusion that to prevent even greater demoralization of the industry, some concerted action must be taken.

BIG LEAD FIND AT BATTE MOUNTAIN
Greatest Surface Showing of Silver-Lead Ore Discovered in Nevada.

What is probably one of the biggest surface showings of silver-lead ore deposits ever found in this part of Nevada was discovered a few days ago by R. C. Isherwood and Clyde Ganser about thirty miles west of Battle Mountain and in the vicinity of the Buffalo valley when they came across some rich specimens of lead ore. They traced this to the ledge without great difficulty, and with a short distance from where the flat was first found erosion had left the ore shoot in plain view. The ledge was covered with huge boulders of the metal weighing as high as three or four hundred pounds scattered over the surface.

The deposit is a contact vein between lime and porphyry, the mineralization being due, doubtless, to the intrusive dikes of porphyry which cut the lime formation with a northerly and southerly strike. Occurring parallel with the porphyry is also an enormous conglomerate which gives additional evidence of strong eruptive action. The matrix of the ore is a heavy spar, forming three distinct and well defined ledges which can be traced by their strong outcrop for more than a mile.

The number and extent of the ore shoots can not as yet be determined on account of the large exploration work being pushed ahead at all points. At the Ophir the day's blasting reveals a continuance of good values in the new south drift in the 2,300 level, and the vein at that point is said to hold up to nearly four feet in width. The hanging wall is well defined and the ore is of the same general character as the ore in the other drifts.

As soon as the strike was known in Battle Mountain, a number of men went out from here and made locations. Just south of the discovery and apparently on the same series of ledges, a Reno company, headed by Buck Ingersoll, is developing a group of very satisfactory progress is being accomplished.

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Net Production of That Sum Is Indicated by September Figures.

Goldfield, Nev., Nov. 7.—The compiled figures of the production and earnings of the Goldfield Consolidated Mines company for the month of September indicate among other things that there may be expected from that point on at least an annual production of \$5,000,000, which may be increased in proportion to the increase in the capacity for handling the large product, basing the prediction purely upon the figures representing the company's work for the single month of September.

In considering the above it must be remembered that the gross production of the month, 21,331 tons, does not include anything from the Combination property, and stands at a slightly lower average than what has been maintained for several months past. These figures will also be much increased with the installation of the new machinery which is expected in position about Dec. 12. The Chileans, as has previously been stated, the mill will be expected to handle 250 tons of ore per day more than is being treated at this time, which means of course the climbing up of the output, and the consequent increase of ore handled by the mill.

During the month of September the compilation shows the gross production of 21,331 tons, and whose net recovered value of \$522,232.32, and the cost of operation as \$161,722.39, leaving the net profit of \$360,509.93.

It is expected that the figures for the month of October will show a material increase in the production of the mine, and to record the climax in the production and treatment by the Consolidated company, and the increase of ore handled by the mill.

MUCH MORE IS OUT BY GROUND DRILL
Hole 800 Feet Deep Goes Through at Least 100 Feet of Ore.

Giroux Consolidated is going after the ore in the west end of the mine, just south of the Bunker Hill, where they got the ore in the porphyry, and the drill hole is now approaching the 800-foot level, says the White Pine News.

In the hole they got the ore at a depth of 465 feet, and not a little of the showing is very native copper. It is the biggest as well as the most interesting hole that has ever been driven in the district. This diameter is thirteen inches and the casing was ten inches. Then in the hole they passed through two distinct flows of rhyolite. From the 465-foot depth they had ore for twenty-five feet, then the hole shot into the rhyolite for between twenty-five and thirty feet, where they got the ore again, which lasted for twenty-five feet, when the second flow of rhyolite was encountered. This lasted for twenty-five or thirty feet, and then came the ore again, and this time it lasted until the 600-foot mark was passed. Then the 600 feet got into the limestone, which was the formation at the top of the hole. What has been encountered since the inauguration of the Giroux Consolidated is keeping to itself. But there is one thing known, and that is that everybody is highly satisfied with the showing from top to bottom of the hole. They have demonstrated in the neighborhood of 100 feet of high-grade ore and possibly more. It is the intention to go to 1,000 feet, and then two more holes will be driven, one to the north and another to the west of the present sinking. This will give three corners of a square, and a pretty good idea of what there is in the limestone in that part of the Giroux estate.

BOSTON ELY EQUIPS SHAFT
Virtually Proves Copper Blanket Underlies Lime.

E. W. Ralph, superintendent of the Boston Ely, returned from Salt Lake City last night after completing the arrangements to install new machinery in the mine. A fifteen-horsepower, belt-driven, double compressor has been purchased, and was shipped with a car of other machinery from New York. The compressor is due to reach Ely about Nov. 15, and will be installed at once, says the Ely Express.

Superintendent Ralph says that the shaft is now down to a depth of 1,020 feet, and it is expected that the water level, which is estimated at 1,300 feet, will be reached before Jan. 1. At that time it is expected the value of the property will have been proven to be a mine.

The facts that the company has recently refused the offer to purchase made by the Consolidated, and the new and expensive machinery has been ordered to be installed as quickly as possible, that work is being pushed forward as rapidly as can be done, that the stock of the company is steadily rising, and that the officials of the company are doing nothing but expanding strictly to their knitting, are indications that the prospect stage has passed and that the company has already virtually proven its theory that the copper blanket underlies the lime capping of the Robinson district.

OPHIR STRIKE HOLDS OUT

Good Values Continue in South Drift on 2,300 Level.

Virginia City, Nev., Nov. 7.—Reports from the mines today show no change in the general situation, but work is being pushed ahead at all points. At the Ophir the day's blasting reveals a continuance of good values in the new south drift in the 2,300 level, and the vein at that point is said to hold up to nearly four feet in width. The hanging wall is well defined and the ore is of the same general character as the ore in the other drifts.

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OPHONGO IN FORM TO MAINTAIN PRODUCTION

William Hatfield advises the Eureka Reporter that he is now able to keep the output from the Ophongo mine up to about two carloads each week. The body has opened up beyond the most sanguine expectations of the owners of the mine and promises to give the district another bonanza. Mr. Hatfield is the principal shareholder in the company and is devoting his entire time to the development of the mine.

The Ophongo ore which is now being shipped shows the following values: Eight to 25 per cent copper, \$10 to \$20 in gold, and from 8 to 16 ounces in silver.

Finding it without the help of the Want ads. takes too long!

Change of Policy at Iron King to Hasten Starting of Production.

Superintendent Nick Roberts tells the Eureka Reporter that the work which was being carried on through the shaft at the Iron King mine has been discontinued temporarily in order that the work of driving the big tunnel might be rushed along more rapidly. The compressor at the Iron King has been used to operate the machine drills in the tunnel and the drills in the other part of the company's ground which was being developed through the shaft, as well as to operate the hoist and when it was necessary to blow down the air in good condition the compressor was taxed beyond its capacity.

The management is anxious to push the big tunnel in far enough to open the Black Stallion vein of iron, believing that when this has been done the mine can ship enough of the iron ore to pay the operating expenses and consequently do away with assessments, and for this reason Superintendent Roberts was instructed to rush the tunnel forward as fast as possible. Just as soon as the tunnel reaches the big iron deposits from which the company will be able to ship, the other development work will not doubt be taken up again.

The tunnel at the Iron King was in a distance of 1,000 feet on the first of the present month, and Superintendent Roberts expects to encounter the main body of iron ore within the next 500 or 1,000 feet. It is more than likely that other important bodies of iron will be cut in running the 800 or 1,000 feet.

This tunnel is headed directly for the main working shaft, the distance between the mouth of the tunnel and the point where it will tap the shaft being some thing over 2,000 feet, and the object in running it was to cut through about a mile of the company's ground and eventually furnish an outlet for the upper workings where the work is being handled through a shaft.

Superintendent Roberts has nine men upon his payroll. When the work was being carried on at the two different points about thirty men were employed.

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Notice to Water Users.
STATE ENGINEER'S OFFICE, SALT LAKE CITY, Utah, October 30, 1909.
Notice is hereby given that Samuel Newhouse, whose postoffice address is Salt Lake City, Utah, has made application in accordance with the requirements of the Compiled Laws of Utah, 1909, as amended by the Session Laws of Utah, 1909, to appropriate four hundred eighty thousand (480,000) acres of water from the Fremont river, Wayne county, Utah. Said water will be stored wherever available during the period from January 1 to December 31, inclusive, of each year. The reservoir embraced in sections 3 to 10, inclusive; 15 to 22, inclusive; 25 to 29, inclusive; 32, inclusive; 41 of each Lake base range 3 east; sections 1, 2, 3, 9 to 15, inclusive; township 29 south, range 4 east; section 10, township 29 south, range 4 east; Salt Lake base and meridian. The water so stored will be released from said reservoir during the period from April 15 to September 15, inclusive, of each year, and allowed to flow down the natural channel of the Fremont river to point which lies 1500 feet north of northeast corner of section 22, township 29 south, range 4 east, Salt Lake base and meridian, and conveyed by means of a canal for a distance of 257,000 feet, and there used to irrigate 200,000 acres of unsurveyed land embraced in township 28 south, ranges 3, 9, 10, 11, 12 and 13 east; township 29 south, ranges 3, 9, 10, 11, 12 and 13 east; township 30 south, ranges 3, 9, 10, 11, 12 and 13 east; township 31 south, ranges 3, 9, 10, 11, 12 and 13 east; township 32 south, ranges 3, 9, 10, 11, 12 and 13 east; township 33 south, ranges 3, 9, 10, 11, 12 and 13 east; township 34 south, ranges 3, 9, 10, 11, 12 and 13 east; township 35 south, ranges 3, 9, 10, 11, 12 and 13 east; township 36 south, ranges 3, 9, 10, 11, 12 and 13 east; township 37 south, ranges 3, 9, 10, 11, 12 and 13 east; 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